

RECEIVED  
CENTRAL FAX CENTER

SEP 01 2006

PATENT  
P55504

**IN THE CLAIMS**

Please amend claims 23, 26, 28-32, and 37 as follows:

1           1. (Original) A recording medium for fixing a conflict of a computer system, comprising:  
2           a boot image loaded in a main memory installed in the computer system when the computer  
3           system is booted, for managing the operation of the computer system;  
4           a program image consisting of an operating system and application programs to be installed  
5           in an auxiliary memory unit of the computer system, and a list of the operating system and  
6           application programs; and  
7           a conflict repair control program having a code means (a) loaded in the main memory of the  
8           computer system for checking whether the auxiliary memory unit is normal, and a code means (b)  
9           for repairing damaged files in the auxiliary memory unit using the program image when abnormality  
10          exists in the auxiliary memory unit.

1           2. (Original) The recording medium for fixing a conflict of a computer system as claimed  
2           in claim 1, wherein the recording medium is a CD-ROM.

1           3. (Previously Presented) The recording medium for fixing a conflict of a computer system  
2           as claimed in claim 1, wherein the code means (b) of the conflict repair control program comprises:  
3           a code unit for newly installing all the files included in the program image in the auxiliary  
4           memory unit; and

PATENT  
P55504

5 a code unit for displaying the list included in the program image and newly installing only  
6 programs selected by a user in the hard-disk auxiliary memory unit.

1 4. (Original) A computer system having a conflict repair function and including a control  
2 unit, a main memory, an auxiliary memory, and an input output device, wherein the control unit  
3 comprises:

4 a state information recording portion for collecting state information on the computer system  
5 and recording the collected information in the auxiliary memory;

6 a conflict sensing portion for sensing a general protection fault, a system registry fault, and  
7 a system hardware information abnormality when the computer system is operated, and reporting the  
8 sensed faults to a user via the input output device;

9 a state diagnosis portion for diagnosing the presence or absence of abnormality in the computer  
10 system according to a user's instruction, attempting to fix an abnormality using diagnosed contents  
11 when the abnormality is sensed, and reporting to the user via the input output device abnormality  
12 incapable of being fixed by the diagnosed contents; and

13 an existing state reverting portion for reverting the computer system to a state when state  
14 information selected by the user among state information recorded in the state information database  
15 was produced.

1 5. (Original) The computer system having a conflict repair function as claimed in claim 4,  
2 wherein the state information recording portion allocates a predetermined region for a state

PATENT  
P55504

information database in the auxiliary memory, and records new state information which replaces oldest state information.

6. (Original) The computer system having a conflict repair function as claimed in claim 4, wherein the input output device further comprises a state diagnosis button, and the state diagnosis portion is performed by a user pressing down on the state diagnosis button.

Claims 7 through 13 (Canceled)

14. (Original) A method of fixing a conflict generated on an auxiliary memory in a computer system using a CD-ROM device including a CD-ROM, comprising the steps of:

(a) setting the CD-ROM device as a master device, booting the computer system, checking a conflict of the auxiliary memory, and fixing a damaged system file;

(b) reinstalling an operating system in the auxiliary memory, comprising the substeps of:

(b.1) setting the CD-ROM device as a master device and booting the computer system again when a new booting when the auxiliary memory is set as the master device fails;

(b.2) backing up data files stored in the auxiliary memory and formatting the auxiliary memory;

(b.3) installing an operating system among a program image recorded in the CD-ROM, in the auxiliary memory; and

(b.4) setting the auxiliary memory as a master device and newly booting the computer

PATENT  
P55504

13 system;

14 (c) reinstalling application programs in the auxiliary memory using the program image  
15 recorded in the CD-ROM; and

16 (d) restoring the data file backed up in step (b.2) in the auxiliary memory.

1 15. (Original) The method of fixing a conflict of claim 14, further comprising:

2 reverting the computer system to a state previous to the one where a conflict occurred  
3 when repairing of the computer system fails.

1 16. (Previously Presented) A method of repairing a computer, comprising the steps of:

2 turning on power to said computer and letting said computer boot, load an operating system  
3 and load a user friendly graphical user interface for said operating system using non-removable  
4 media inside said computer when possible;

5 checking for a conflict inside said computer by non-removable media inside said computer  
6 when said computer has said operating system fully loaded and said user friendly graphical user  
7 interface is present;

8 repairing any conflicts by non-removable media inside said computer upon detection of said  
9 conflicts in said checking step; and

10 returning to a user friendly graphical user interface for said operating system if all conflicts  
11 have been repaired.

PATENT  
P55504

1           17. (Previously Presented) The method of claim 16, further comprising the steps of:  
2           presenting a user on an input/output unit of said computer a plurality of dates and times said  
3           computer can revert to based on said dates and times said computer stored state information  
4           pertaining to said computer inside a non-removable storage media only when at least one conflict  
5           remains unrepaired after said repairing step;  
6           selecting a date and time to revert said computer to; and  
7           reloading state information germane to said date and time selected by said user resulting in  
8           said computer reverting to an earlier time when said computer did not have said unrepairable conflict  
9           and displaying a user friendly graphical user interface for said operating system at said date and time  
10          that said computer was reverted to.

1           18. (Previously Presented) The method of claim 16, said conflict selected from the group  
2           consisting of a general protection fault, system registry fault and abnormality of system hardware  
3           information.

1           19. (Previously Presented) The method of claim 17, said state information comprising:  
2           a registry of said operating system; and  
3           state data of device drivers.

1           20. (Previously Presented) The method of claim 16, said checking step initiated by a user  
2           pressing a diagnosis button on an input/output portion of said computer.

PATENT  
P55504

1           21. (Previously Presented) The method of claim 16, said checking step being run  
2 automatically periodically by non-removable media inside said computer.

1           22. (Previously Presented) The method of claim 16, said booting, loading an operating  
2 system, and providing a user friendly graphical user interface being performed by a CD-ROM disk  
3 only if said non-removable media inside said computer fails to boot, load said operating system and  
4 provide a user friendly graphical user interface germane to said operating system to a user.

1           23. (Currently amended) The method of claim 22, wherein said CD-ROM backs up data  
2 files stored on said non-removable media of said computer, and partitions and formats said non-  
3 removable media inside said computer after booting said computer and prior to installation of said  
4 operating system onto said computer.

1           24. (Previously Presented) The method of claim 23, further comprising the steps of:  
2 searching for conflicts in said non-removable media inside said computer by using said CD-  
3 ROM;  
4 repairing any conflicts found in said non-removable media of said computer by said CD-  
5 ROM; and  
6 reinstalling said backed-up data files to said non-removable media inside said computer.

PATENT  
P55504

1 Claim 25. (Canceled)

1 26. (Currently amended) The method of claim 16, wherein capacity of said main memory,  
2 type of video card, resolution of video card, color gradation of said video card, recognition of an  
3 MPEG card, state of modem, state of each floppy disk drive, state of each CD-ROM drive, state of  
4 each DVD drive, and serial/parallel ports are checked to determine if a conflict exists within said  
5 computer after said operating system is fully loaded on said computer.

1 27. (Previously Presented) A computer, comprising:  
2 a central processing unit for controlling the overall operation of said computer;  
3 an input/output device enabling a user to interact with said computer;  
4 a main memory storing program files and data files;  
5 an auxiliary memory;  
6 a non-removable conflict control unit that is accessed by said computer whenever a conflict  
7 within said computer is encountered after a graphical user interface for an operating system is  
8 presented to a user via said input/output device; and  
9 a CD-ROM drive used to boot up said computer, load an operating system and provide a  
10 graphical user interface when said computer fails to achieve said graphical user interface germane  
11 to said operating system.

1 28. (Currently amended) The computer of claim 27, comprised of said conflict control unit

PATENT  
P55504

2 comprises including a conflict sensing portion to perform a diagnosis on said computer to determine  
3 if a conflict is present when said computer is displaying a user-friendly interface germane to said  
4 operating system via said input/output device to a user.

1 29. (Currently amended) The computer of claim 28, comprised of said conflict control unit  
2 comprises including repair software to repair conflicts sensed by said conflict sensing portion.

1 30. (Currently amended) The computer of claim 27, comprised of said conflict being  
2 selected from the group consisting of a general protection fault, system registry fault, and  
3 abnormality of system hardware information, said conflict not interfering with the booting process,  
4 the loading of said operating system process and the loading of said user-friendly graphical user  
5 interface germane to said operating system.

1 31. (Currently amended) The computer of claim 27, comprised of said conflict control unit  
2 comprises including a recording portion recording state information of said computer at various  
3 times prior to installation or changes to software in said computer

1 32. (Currently amended) The computer of claim 27, said auxiliary memory providing said  
2 input/output device with a list of dates and times said computer can revert to by reloading state  
3 information stored at each respective date and time listed when said conflict control portion is  
4 unable to resolve discovered conflicts.



PATENT  
P55504

1           33. (Previously Presented) The computer of claim 27, said conflict control unit reverting  
2           said computer by reloading state information stored in said computer at a prior date and time upon  
3           user input via said input/output device when said conflict control portion is unable to resolve  
4           discovered conflicts.

1           34. (Previously Presented) The computer of claim 27, said conflict selected from the group  
2           consisting of a general protection fault, system registry fault and abnormality of system hardware  
3           information.

1           35. (Previously Presented) The computer of claim 31, said state information comprising:  
2           a registry of said operating system; and  
3           state data of device drivers.

1           36. (Previously Presented) The computer of claim 27, said input/output device comprising  
2           a button that a user can push to cause said conflict control unit to search for conflicts within said  
3           computer system and attempt to repair any discovered conflicts without the use of media that is  
4           removable from said computer.

1           37. (Currently amended) The computer of claim 27, wherein capacity of said main  
2           memory, type of video card, resolution of video card, color gradation of said video card, recognition

PATENT  
P55504

3 of an MPEG card, state of modem, state of each floppy disk drive, state of each CD-ROM drive,  
4 state of each DVD drive, and serial/parallel ports are checked to determine if a conflict exists within  
5 said computer after said operating system is fully loaded on said computer.

1 38. (Previously Presented) The recording medium of claim 1, said checking and said  
2 repairing occurring when said computer system is fully booted to a graphical user interface of a  
3 desktop of an operating system.

1 39. (Previously Presented) The method of claim 16, the checking and the repairing steps  
2 occurring when the computer is at desktop, the returning step not being a booting step.

1 40. (Previously Presented) The method of claim 16, said conflicts not preventing said  
2 computer from booting.

1 41. (Previously Presented) The recording medium of claim 1, said damaged files not  
2 preventing said computer system from booting.